

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				C m p l e t e d If Known	
				Application Number	10/649,533
				Filing Date	08/27/2003
				First Named Inventor	Allen M. Jones
				Group Art Unit	2856
				Examiner Name	
				Attorney Docket Number	12078-201US
Sheet	1	of	3		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RTP	1	3,915,339		Matson	10-28-1975	
	2	3,998,101		Fagan et al	12-21-1976	
	3	4,580,440		Reid et al	04-08-1986	
	4	4,718,268		Reid et al	01-12-1988	
	5	4,764,351		Hennebel et al	08-16-1988	
	6	4,987,767		Corrigan et al	01-29-1991	
	7	5,109,691		Corrigan et al	05-05-1992	
	8	5,322,603		Kameda et al	6-21-1994	
	9	5,345,809		Corrigan et al	09-13-1994	
	10	5,465,607		Corrigan et al	11-14-1995	
	11	5,470,546		Hall	11-28-1995	
	12	5,585,575		Corrigan et al	12-17-1996	
	13	5,591,117		Zelno	01-07-1997	
	14	5,700,426		Schmitthaesler et al	12-23-1997	
	15	5,841,038		Volz	11-24-1998	
	16	5,859,362		Slavomir et al	01-12-1999	
	17	5,942,699		Ornath et al	08-24-1999	
	18	6,324,927		Ornath et al	12-04-2001	
✓	19	6,159,422		Graves et al	12-12-2000	
RTE	20	6,183,950		Madonna et al	02-06-2001	

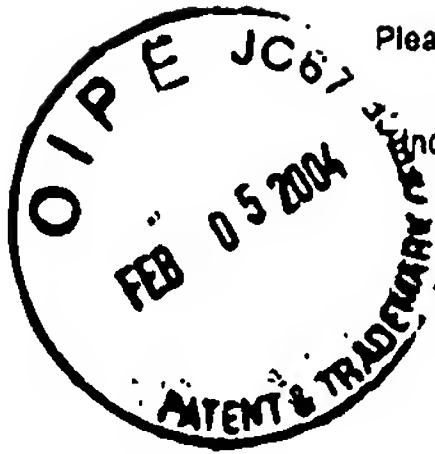
[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	June 14, 2004
-----------------------	--------------------	--------------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Sheet 2 of 3		Application Number		10/649,533	
		Filing Date		08/27/2003	
		First Named Inventor		Allen M. Jones	
		Group Art Unit			
		Examiner Name			
		Attorney Docket Number		12078-201US	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RTF	1	6,295,860		Sakairi et al	10-02-2001	
	2	2003/0086821		Matthews	05-08-03	
↓	3	US 2002/0126008		Lopez et al	09-12-2002	
RTF	4	US 2002/0124664		Call et al	09-12-2002	
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					

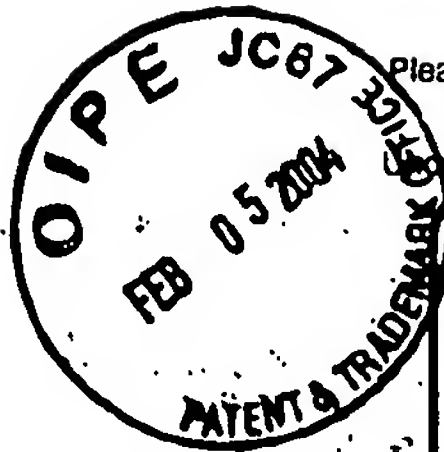
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	June 14, 2004
-----------------------	--	--------------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0851-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Information Disclosure Statement by Applicant	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		C m p l t e I f K n w n	
(use as many sheets as necessary)		Application Number	10/649,533
		Filing Date	08/27/2003
		First Named Inventor	Allen M. Jones
		Group Art Unit	
		Examiner Name	
Sheet		Attorney Docket Number	12078-201 US

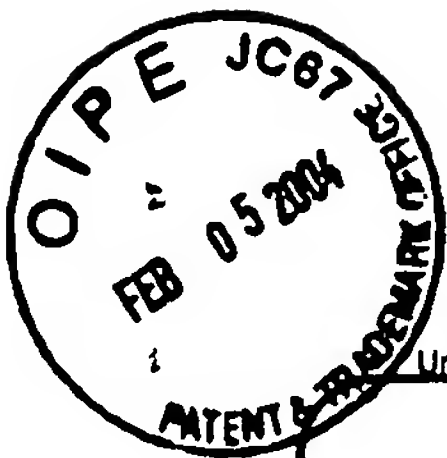
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RTF	1	cip of Atty Dkt: 12078-197 Copending Application Serial No. 10/277,069 filed 10/21/2002	
	2	cip of Atty Dkt: 12078-164 Copending Application Serial No. 10/201,169 filed 07/22/2002	
	3	Atty Dkt: 12078-153 Copending Application, Serial No. 10/282,977 filed 10/29/2002	
	4	Atty Dkt: 12078-159 Copending Application, Serial No. 10/314,631 filed 12/09/2002	
	5	Atty Dkt: 12078-160 Copending Application, Serial No. 10/341,033, filed 01/13/2003	
	6	Atty Dkt: 12078-165 Copending Application, Serial No. 10/328,230 filed 12/23/2002	
	7	Atty Dkt: 12078-171 Copending Application, Serial No. 10/328,264 filed 12/23/2002	
	8	Atty Dkt: 12078-200 Copending Application, Serial No. 10/289,810 filed 11/07/2002	
✓	9	Atty Dkt: 12078-197; Provisional Application Serial No. 60/330,673 filed 10/26/2001	
RTF	10	Atty Dkt: 12078-164; Provisional Application Serial No. 60/344,848 filed 12/31/01	

Examiner Signature	<i>Rodney F...</i>	Date Considered	June 14, 2004
--------------------	--------------------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/649,533	
	Filing Date	08/27/2003	
	First Named Inventor	Allen M. Jones	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	5	Attorney Docket Number	12078-201US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input checked="" type="checkbox"/> CD, Number of CD(s) <u>1</u>	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Return Receipt Post Card		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Harvey Kaye Perkins, Smith & Cohen, LLP	
Signature		
Date	01/30/2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Harvey Kaye		
Signature		Date	01/30/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.